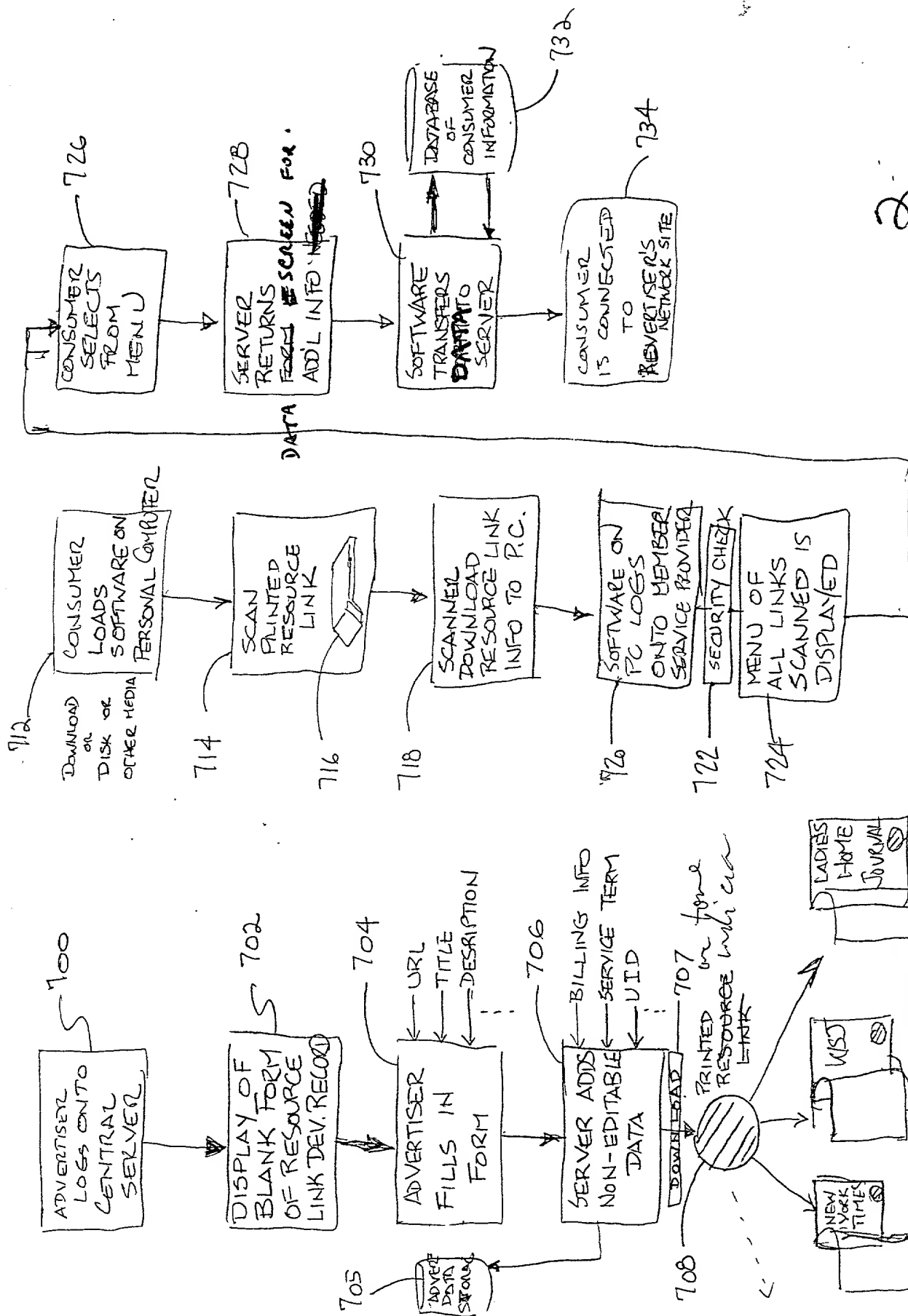


FIG. 1

~~XXXXXXXXXX~~



5 ~~A~~

(I^b)

Create HotDot Record

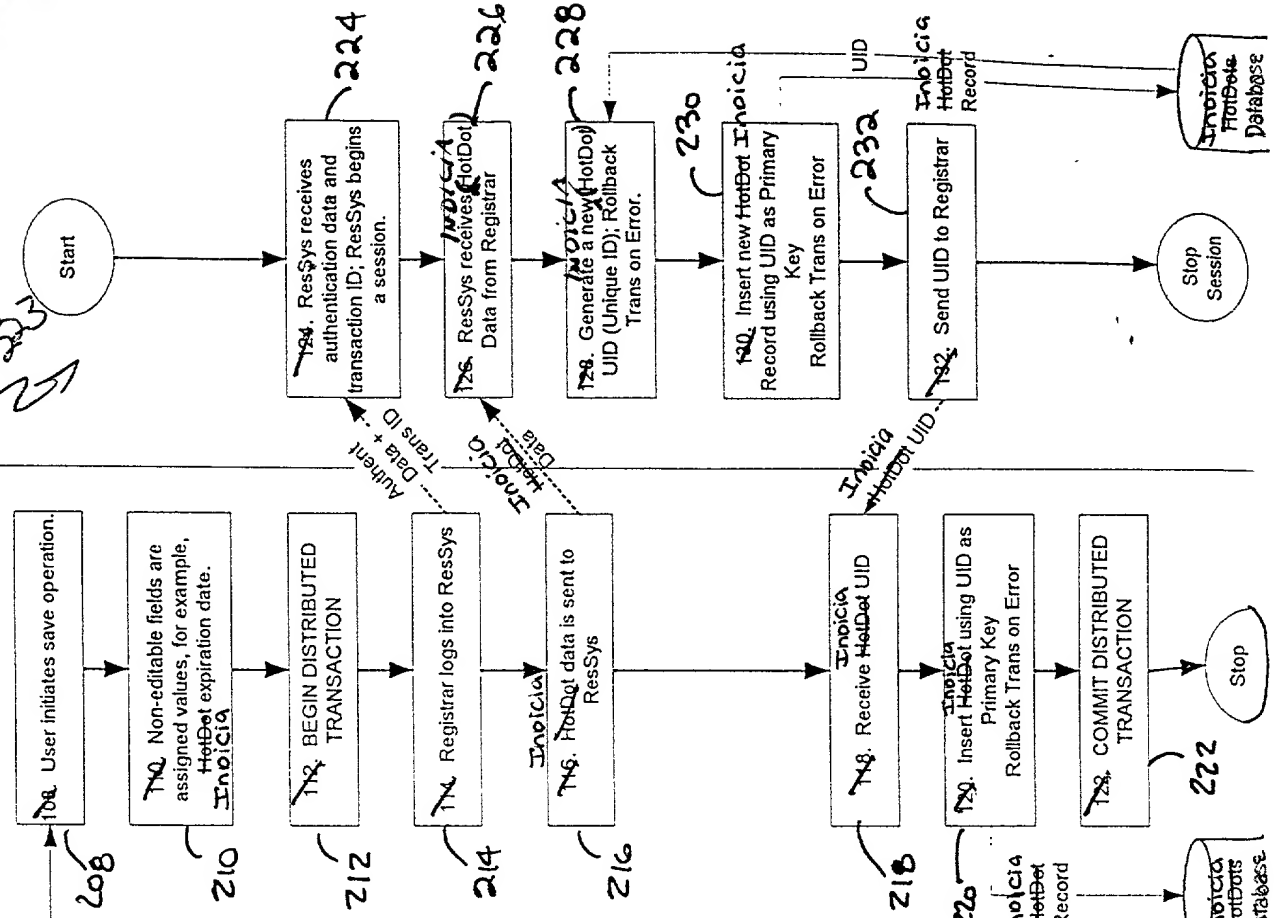
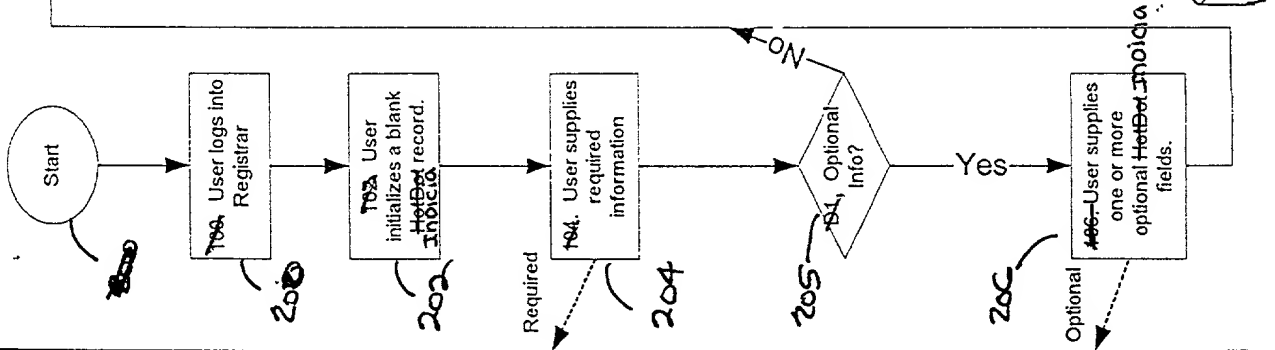
Resources Link Devlog FIG-3

Registrar

Resolution Sub System (ResSys)

URL (Universal Resource Locator) Template This is a standard Internet URL with zero or more named parameters surrounded by angle brackets, for example <DOB> for consumer's date of birth. Parameters can refer to a field in the consumer demographics database - these are supplied at HotDot resolution time. Parameters can also refer to one of this HotDot's Embedded Fields (see below); these are supplied at HotDot rendering time.
Short and Long Titles These identify how the underlined hyperlink should appear when displaying a HotDot List. The Short Title is needed when screen/real estate is restricted on the Internet Client (ie, PDA, cell phone).
Description This is a brief description of the target page.
Embedded Description Up to 8 character text to be embedded into the actual rendered HotDot image.
Embedded Category User picks from a list of categories. This is then mapped to a three character code embedded in the rendered HotDot image to help identify its function at scan time, perhaps via an on-screen icon.
Search Meta Tags? User must specify if the specified Web page contains meta tags that should be searched daily to automatically update certain HotDot details.

HotDots Guide Category User picks from a tree-selector of hierarchical categories to determine where this HotDot would appear in the Guide.
HotDots Searchable Keywords User enters a few keywords that can be subsequently searched for.
Image User can upload an image to be displayed along with the titles and description on a HotDots list.
Embedded Field List User can specify one or more fields to be supplied a HotDot rendering time. Each parameter is assigned a name, datatype, length, and ordinal position. Example: name "Social Number" type "Integer" length 4 bytes.

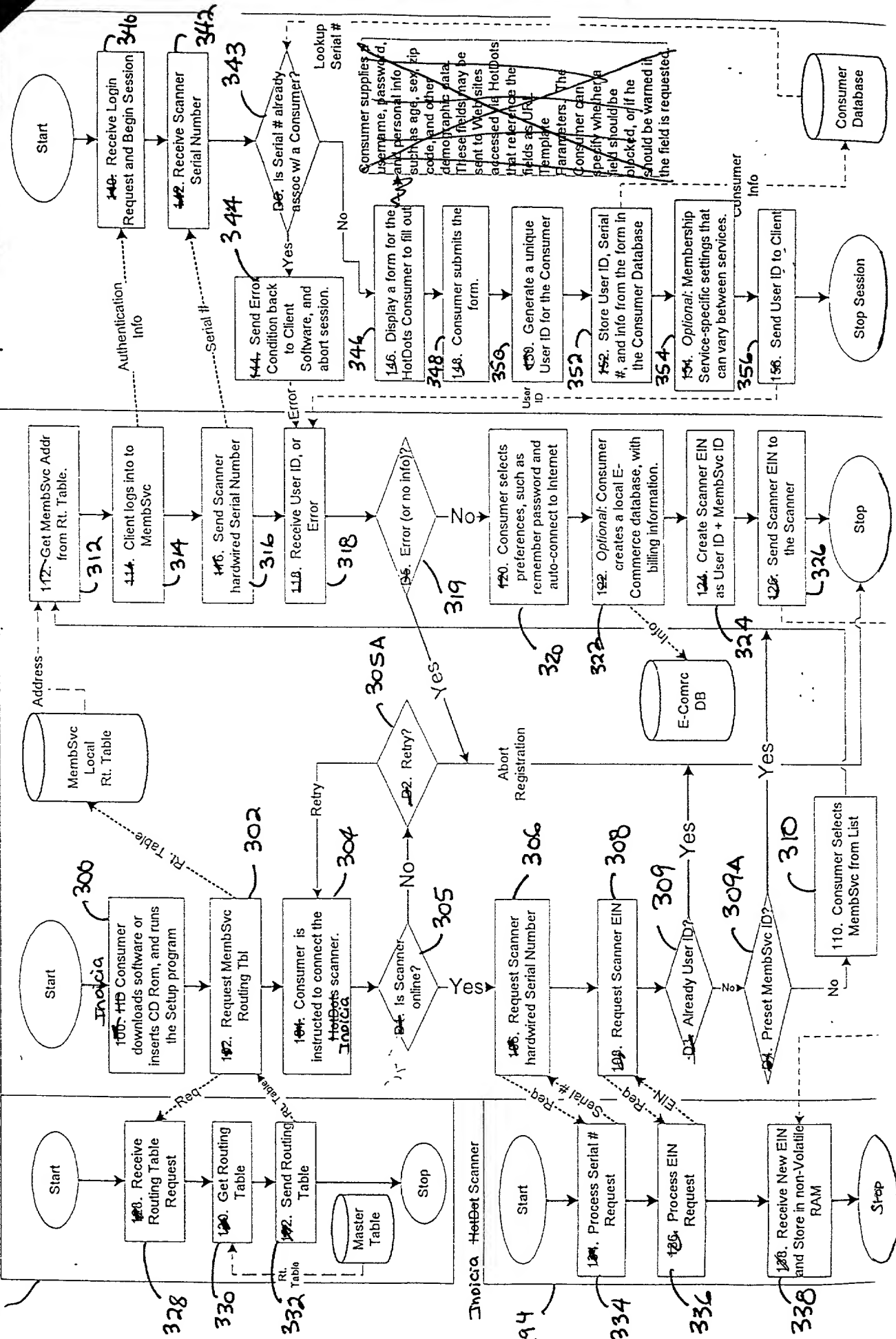


296 Register Consumer and Scanner

MembSvc Routing Authority

Client Consumer Software

Membership Services (MembSvc)



3982

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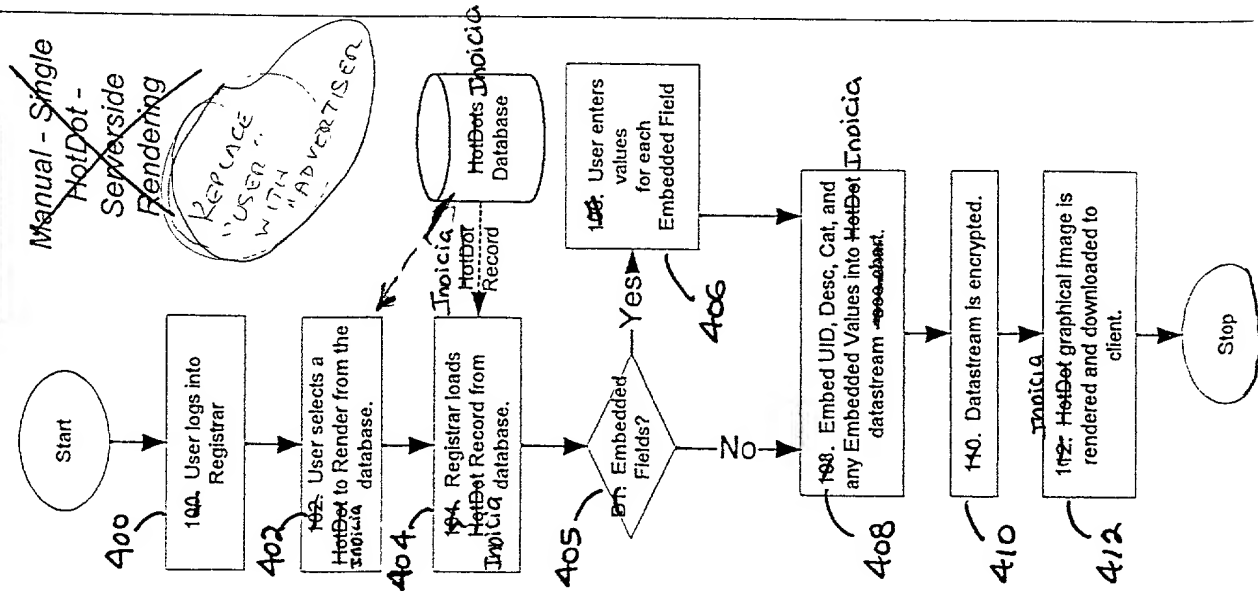
Render HotDot Record

Fig. 5

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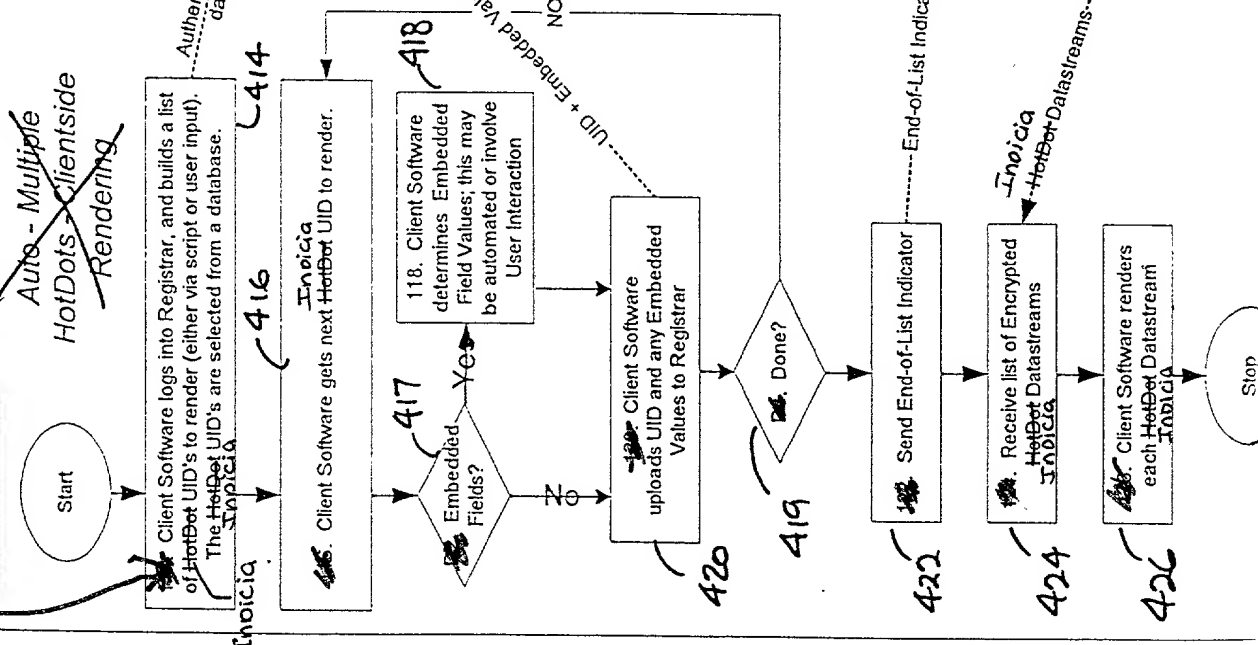
Registrar

Manual - Single
HotDot -
Server-side
Rendering

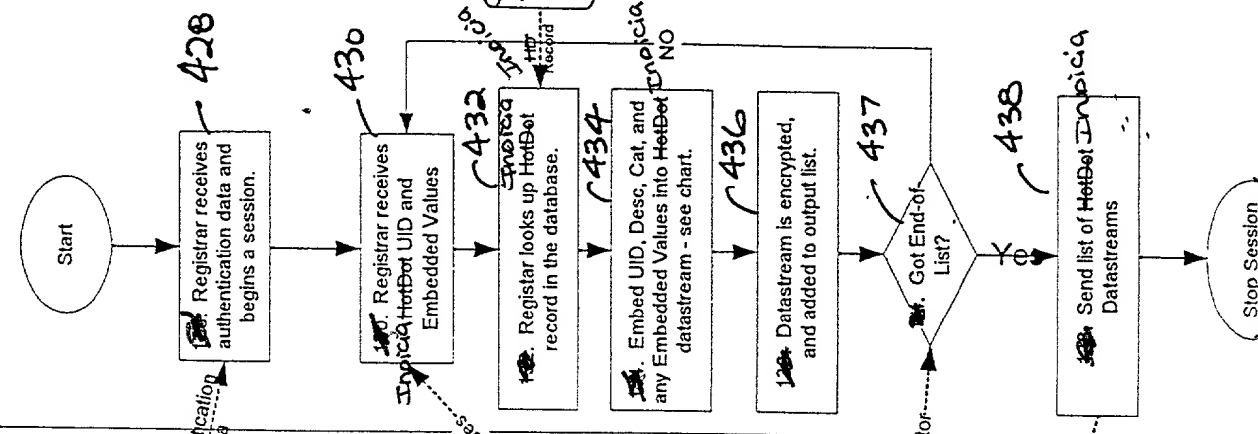


Client HotDot Management Software

Auto - Multiple
HotDots - Client-side
Rendering



Registrar



Indicia Resolve HotDots

Indicia
HotDot Scanner

492

500

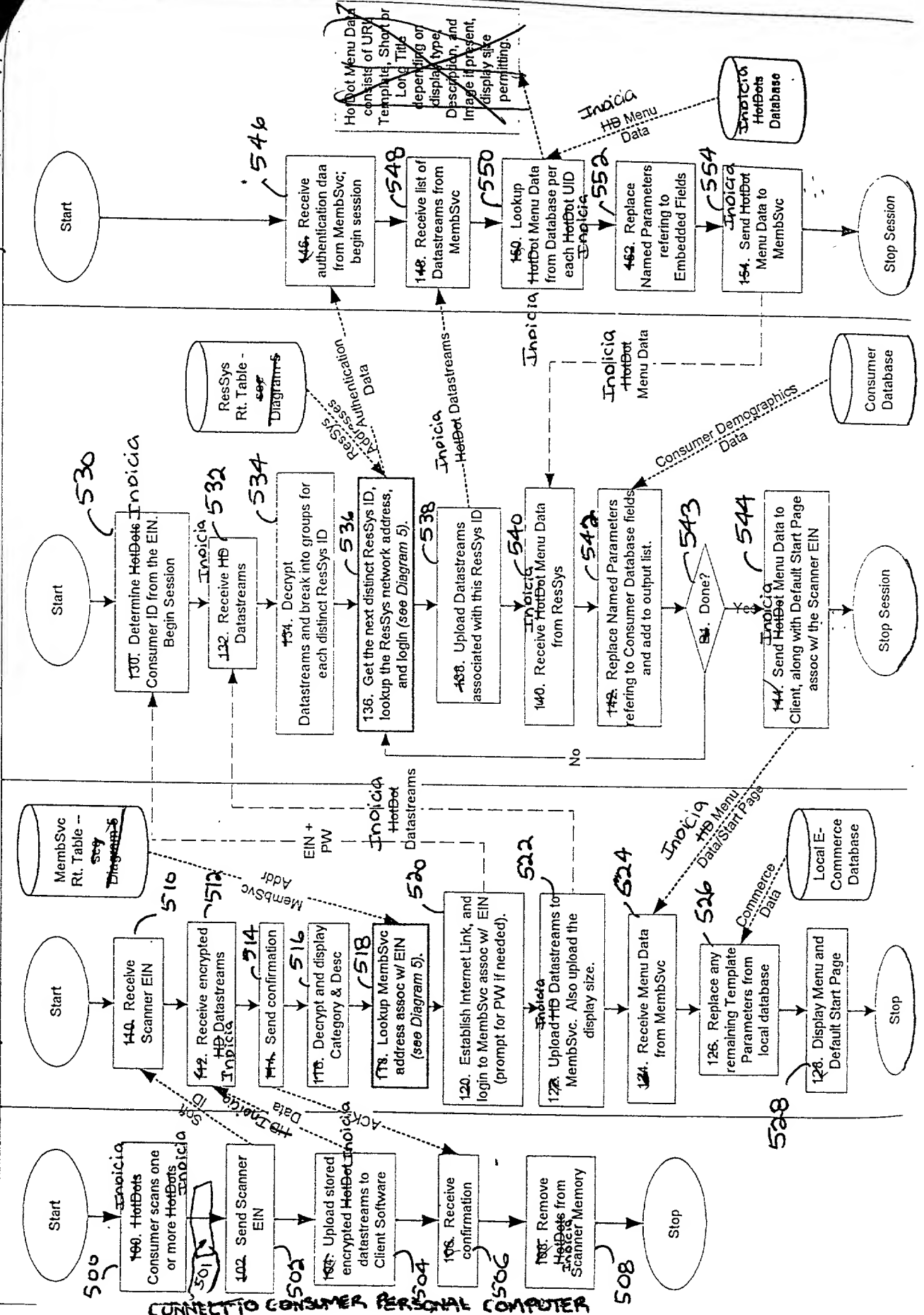
Client Consumer Software

496

Membership Services (MemSvc)

498

Resolution System (ResSys)



HotDots Routing Function (Part of all SubSystems)

HotDots Routing Method

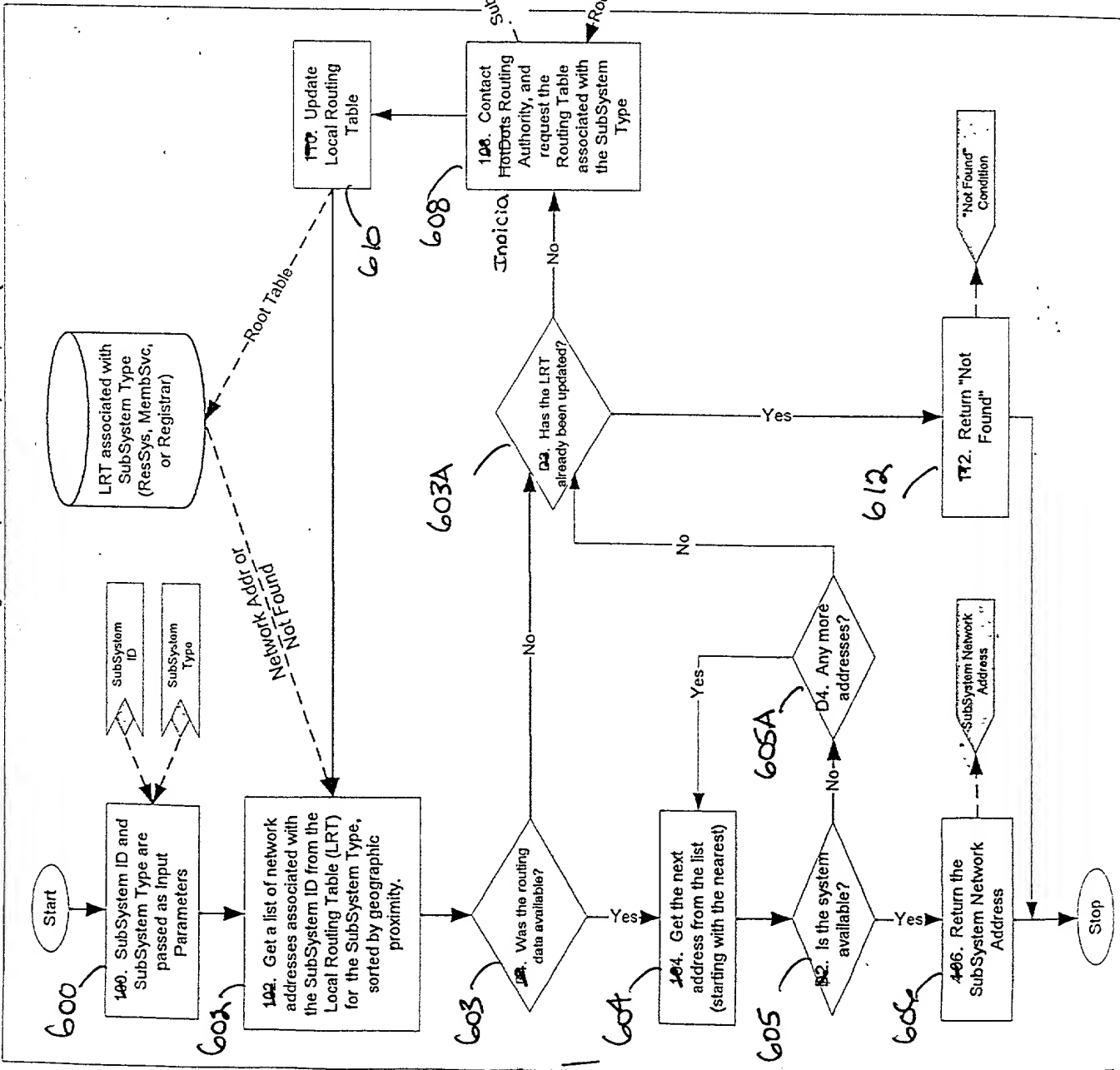
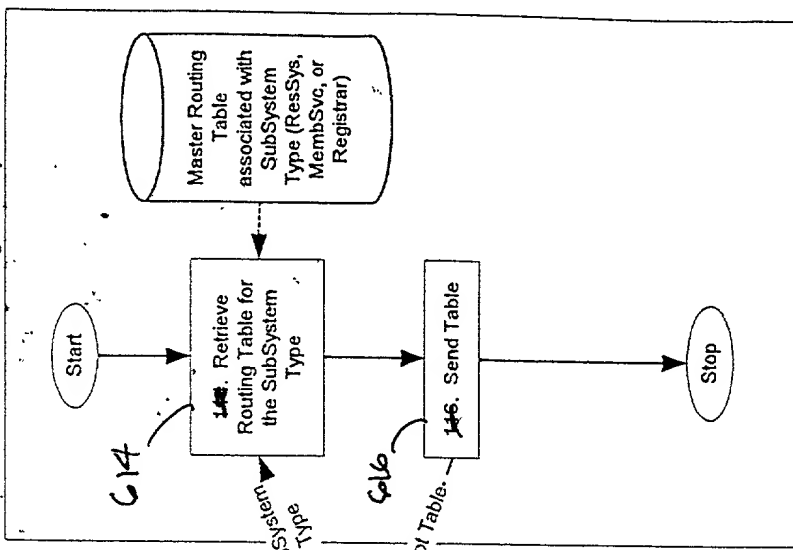


FIG 67

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HotDots Routing Authority



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Root Table

SubSystem Type

Master Routing Table associated with SubSystem Type (ResSys, MembSvc, or Registrar)

Stop